Claims

- [c1] What is claimed is:
 - 1. Scribe lines for increasing a utilizable area on a wafer, the wafer comprising a plurality of dies, the scribe lines comprising: at least a first scribe line arranged in a first direction in a first gap of the dies, the first scribe line having a first width; and at least a second scribe line arranged in the first direction in a second gap of the dies, the second scribe line having a second width narrower than the first width.
- [c2] 2.The scribe lines of claim 1 wherein the first scribe line comprises at least an alignment mark for aligning elements on different dies.
- [c3] 3.The scribe lines of claim 1 wherein the first scribe line comprises at least a test key for performing a quality test on the dies.
- [c4] 4.The scribe lines of claim 1 wherein the first width is approximately between 100 and 500 micrometers.
- [c5] 5.The scribe lines of claim 1 wherein the second width is approximately between 10 and 50 micrometers.
- [c6] 6.The scribe lines of claim 1 wherein the second scribe line is provided for dicing the wafer.
- [c7] 7.The scribe lines of claim 1 wherein the wafer is scribed by supplying a mechanical stress on the scribe lines.
- [c8] 8.The scribe lines of claim 1 wherein the wafer is scribed by performing an etching process on the scribe lines.
- [c9] 9. The scribe lines of claim 1 further comprising a plurality of scribe lines arranged in a second direction, the scribe lines arranged in the second direction comprising various scribe line widths.
- [c10] 10.The scribe lines of claim 9 wherein the second direction is perpendicular to the first direction.

[c11]	11. The scribe lines of claim 1 wherein the dies are in the same shapes and sizes.
[c12]	12. The scribe lines of claim 1 wherein the dies comprise various die shapes.
[c13]	13. The scribe lines of claim 1 wherein the dies comprise various die sizes.
[c14]	14. Scribe lines on a wafer, the wafer comprising a plurality of dies, the scribe lines comprising: a plurality of first scribe lines positioned in gaps of the dies, each of the first scribe lines comprising a predetermined pattern; and a plurality of second scribe lines positioned in gaps of the dies, the second scribe lines being narrower than the first scribe lines.
[c15]	15. The scribe lines of claim 14 wherein the predetermined pattern comprises an alignment mark for aligning elements on different dies.
[c16]	16.The scribe lines of claim 14 wherein the predetermined pattern comprises a test key for performing a quality test on the dies.
[c17]	17. The scribe lines of claim 14 wherein the first scribe lines comprise at least an arranging direction.
[c18]	18. The scribe lines of claim 14 wherein the second scribe lines comprise at least an arranging direction.
[c19]	19.The scribe lines of claim 14 wherein the dies are in the same shapes and sizes.
[c20]	20. The scribe lines of claim 14 wherein the dies comprise various die shapes.
[c21]	21. The scribe lines of claim 1 wherein the dies comprise various die sizes.